

**PROJECT MANAGEMENT PLAN
FISHER SCHOOL BASIN FLOOD PROTECTION PROJECT
JEAN LAFITTE, LOUISIANA**

INTRODUCTION

A Project Management Plan (PMP) is designed to identify and describe the steps required for the construction, operation and maintenance of a small flood protection project for the Fisher School Basin located in Jean Lafitte, Louisiana. This PMP would become effective following approval of the recommendations described by the Fisher School Basin Feasibility Report. The need for and contents of a PMP are described by Engineering Regulation 5-7-1.

SCOPE OF WORK

The Fisher School Basin project consists of a levee constructed to elevation +7.0 feet National Geodetic Vertical Datum (NGVD) for the purpose of providing flood protection to the town of Jean Lafitte. The levee construction will be accomplished using a combination of earthen levee sections, concrete-capped sheetpile floodwalls, and incorporate 11 floodgates into the design.

The Corps maintains responsibility for identifying design and technical review team members. The design team will perform the necessary steps to prepare plans and specifications, manage and satisfy all construction contracts, and ensure the completed project is turned over to the non-Federal sponsor for operation and maintenance. An independent technical review team will be responsible for concurrent technical review of the plans and specifications.

WORK BREAKDOWN STRUCTURE

Level 1. The Fisher School Basin Flood Protection Project

Level 2. Major Elements of the Project

Plans and Specifications Package
Construction Contracts

Level 3. Elements Subordinate to Level 2 Major Elements

Level 2. Plans and Specifications Package

Level 3. Engineering Design
Real Estate Acquisition
BCO Review

Level 4. Elements Subordinate to Level 3

Level 3. Engineering Design

- Level 4. Topographic Surveys & Soil Borings
- Foundational Analysis
- Structural Analysis
- Levee Design
- Relocations Design
- Final Construction Cost Estimates
- Final Design Plates

Level 3. Real Estate Acquisition

- Level 4. Identify Affected Property Owners
- Appraise Property Values
- Acquire Perpetual and Temporary Easements

Level 3. Biddability, Constructability, and Operability Review

- Level 4. Review Plans and Specifications package
- Issue BCO certification

ORGANIZATIONAL BREAKDOWN STRUCTURE

PLANNING, PROGRAMS AND PROJECT MGMT DIV.	CEMVN-PM
Project Management Branch – West	CEMVN-PM-W
Economics and Social Analysis Branch	CEMVN-PM-A
General Water Resources Section	CEMVN-PM-AW
Environmental Planning & Compliance Branch	CEMVN-PM-R
Environmental Analysis & Support Section	CEMVN-PM-RP
Natural & Cultural Resource Analysis Section	CEMVN-PM-RN
ENGINEERING DIVISION	CEMVN-ED
Design Services Branch	CEMVN-ED-S
Projects Engineering Section	CEMVN-ED-SP
Relocations Section	CEMVN-ED-SR
Survey Section	CEMVN-ED-SS

Geotechnical Branch	CEMVN-ED-F
Structural Foundations Section	CEMVN-ED-FS
Geology Section	CEMVN-ED-FG
Soil & Material Processing Unit	CEMVN-ED-FG-P
Sub-Surface Exploration Unit	CEMVN-ED-FG-S
Hydrology and Hydraulics Branch	CEMVN-ED-H
Coastal Engineering Section	CEMVN-ED-HC
Hydra-Modeling Section	CEMVN-ED-HM
Civil Branch	CEMVN-ED-L
Levees Section	CEMVN-ED-LS
Structures Branch	CEMVN-ED-T
Major Structures Section	CEMVN-ED-TM
REAL ESTATE DIVISION	CEMVN-RE
Planning and Control Branch	CEMVN-RE-P
Acquisition Branch	CEMVN-RE-A
Appraisals Branch	CEMVN-RE-E
Legal Support Branch	CEMVN-RE-L
OPERATIONS DIVISION	CEMVN-OD
Flood Control Section	CEMVN-OD-OS
CONSTRUCTION DIVISION	CEMVN-CD
Quality Assurance Branch	CEMVN-CD-Q
WEST JEFFERSON LEVEE DISTRICT	Local Sponsor

ASSIGNMENT OF RESPONSIBILITY

The following responsibilities were assigned for the Fisher School Basin project:

- U.S. Army Corps of Engineers, New Orleans District: The New Orleans District will provide project and program management, prepare all design documents, perform construction contract procurement, administration and construction management, negotiate the Project Cooperation Agreement, and coordinate or administer real estate acquisition with the non-Federal sponsor.

- West Jefferson Levee District: The non-Federal sponsor is responsible for acquiring all necessary lands, easements, rights-of-way, relocations, and disposal areas (LERRD's), and will operate and maintain the project.

BUDGETS AND COST ESTIMATES

A final construction cost estimate will be prepared as part of the plans and specifications package. Therefore, the MCASES cost estimate provided in Appendix E will not be revised following approval of the Fisher School Basin Feasibility Report.

CURRENT BENEFITS PLAN

Because the project will be completed within four years of initiation of the plans and specifications phase, benefits used in the economic analysis will not be reviewed.

RESOURCE ALLOCATION

The New Orleans District resources used to accomplish the scope of work are listed in the Organizational Breakdown Structure.

LOCAL COOPERATION

A Draft Project Cooperation Agreement (PCA) is included in the feasibility report. The PCA will be executed once Headquarters, U.S. Army Corps of Engineers, approves the project.

ACQUISITION PLAN

The U.S. Army Corps of Engineers is responsible for the engineering design and construction of all components within the project; subject to funding appropriated by the Congress of the United States. All construction contracts or work items are accomplished by the use of unrestricted competitive bids, contract award procedures, and the contracting officer's notice to proceed. Coordination will be conducted with the

Contracting Division, Engineering Division, Construction Division and Project Management Division of the U.S. Army Corps of Engineers, New Orleans District.

REAL ESTATE PLAN

The real estate plan for the Fisher School Basin involves acquisition of lands, easements, relocations, right-of-way, and disposal (LERRD), by the local sponsor, with the Uniform Real Property Acquisition and Relocation Assistance Policies Act of 1970, PL 91-646, as amended.

TOTAL QUALITY PLAN

All design computations and drawings are checked and reviewed by an in-house Technical Review Team prior to submittal to Mississippi Valley Division and prior to advertising. Construction Division and Operations Division review plans specific to the work involved, identifying codes, standards, regulations, technical processes and procedures.

VALUE ENGINEERING PLAN

The District's Value Engineer will conduct a Value Engineering study during the preconstruction engineering and design (PED) phase with the objective of analyzing functions of design and construction, and making recommendations to improve the product quality at the lowest overall cost without sacrificing quality, aesthetics or operation and maintenance capability.

SAFETY PLAN

The District Safety Office will monitor the project and implement the USACE Safety Manual (ER 385-1-). Construction of project components will be routine, except that at all times construction sites will be designated "hard hat and steel-toed boot" areas.

SECURITY PLAN

A Security Plan is not necessary because the project does not involve sensitive or classified information.

CULTURAL RESOURCE PLAN

The project components discussed in this report were described in the greatest possible detail based on present development plans. If the project plans, component designs, location, or areas of impact are changed, the altered project plans will be reevaluated for compliance with State and Federal historic preservation authorities.

ENVIRONMENTAL PLAN

A draft Environmental Assessment (EA) is provided along with the feasibility report. The EA will be distributed for agency review and comment along with the feasibility report. Coordination and correspondence regarding the EA and issuance of a Finding of No Significant Impact, if applicable, will be the responsibility of the New Orleans District.

FEDERAL EMERGENCY MANAGEMENT AGENCY/ NATIONAL FLOOD INSURANCE PROGRAM

The proposed levee will provide protection below the 100-year design flood event, therefore, the Federal Emergency Management Agency (FEMA) will not revise the Flood Insurance Rate Maps for the project area.

OPERATION AND MAINTENANCE PLAN

The local sponsor will agree in the PCA to operate and maintain the project.

MANAGEMENT CONTROL PLAN

All labor and contractual expenses to the project are entered and tracked in a newly implemented Corps-wide system entitled “Corps of Engineers Financial Management System,” or CEFMS.

REPORTING REQUIREMENTS

Monthly issue papers are provided to the District-wide Project Review Board (PRB) meetings that are held to address issues and track project performance. Minutes of the PRB meetings are forwarded to the Mississippi Valley Division.

CHANGE CONTROL

Any substantial design or construction changes would require changes to the PCA. Any changes to the PCA would require an amendment, requiring approval and processing through the Corps hierarchy.